

sufficient to overcome the Examiner's rejections as well as the teachings of **all the prior art cited**. In addition, applicant did not have the opportunity to examine the newly cited and applied Wagner and Masury references.

AMENDMENTS

Please amend the claims in this application in accordance with the following instructions. A clean copy of the amended claims can be found in the attached Appendix A.

Please cancel claims 1, 10 and 18.

Please rewrite claim 2 as the following claim 2 (amended):

2. (amended) [The work machine of claim 1, wherein:]
A work machine, comprising:

a main frame;
an engine assembly mounted on said main frame;
a radiator assembly mounted on said main frame; and
a transmission assembly (i) mechanically coupled to
said engine assembly and (ii) mounted on said main frame such
that said transmission assembly is interposed between said
engine assembly and said radiator assembly;

said main frame has a longitudinal axis[,];

said radiator assembly includes a cooling core having an upper edge[,]; and

said cooling core is positioned relative to said longitudinal axis such that (i) a linear extension of said upper edge defines a line L₁, (ii) a line L₂ is defined by a line which intersects said longitudinal axis so as to define a

90° angle α therebetween, (iii) an angle σ is defined between said line L_1 and said line L_2 , and (iv) $40.0^\circ \leq \sigma \leq 95.0^\circ$.

Please amend claim 3 as follows:

3. (amended) The work machine of claim [1] 2, further comprising a cab assembly mounted on said main frame, wherein:

said cab assembly is interposed between said engine assembly and said radiator assembly.

Please amend claim 4 as follows:

4. (twice amended) The work machine of claim [1] 2, further comprising:

a work implement coupled to said main frame; and
said radiator assembly is interposed between said work implement and said engine assembly.

Please amend claim 6 as follows:

6. (twice amended) The work machine of claim [1] 2, wherein:

said radiator assembly includes (i) a radiator fan and (ii) a cooling core; and

said cooling core is interposed between said radiator fan and said engine assembly.

Please amend claim 8 as follows:

8. (amended) The work machine of claim [1] 2, further comprising:

a conduit having (i) a first end attached to said engine assembly, (ii) a second end attached to said radiator

assembly and, (iii) said engine assembly is in fluid communication with said radiator assembly; and

a cooling fluid which is advanced from said radiator assembly to said engine assembly through said conduit.

Please amend claim 9 as follows:

9. (twice amended) The work machine of claim [1] 2, further comprising:

a ground engaging mechanism mechanically coupled to said engine assembly; and

wherein actuation of said ground engaging mechanism by said engine assembly causes said work machine to be advanced over a ground segment.

Please rewrite claim 11 as the following independent claim 11 (amended):

11. (amended) [The work machine of claim 10, wherein:] A work machine, comprising:

a main frame;

an engine assembly mounted on said main frame;

a radiator assembly mounted on said main frame; and

a cab assembly mounted on said main frame such that said cab assembly is interposed between said engine assembly and said radiator assembly;

said main frame has a longitudinal axis[,];

said radiator assembly includes a cooling core having an upper edge[,]; and

said cooling core is positioned relative to said longitudinal axis such that (i) a linear extension of said upper edge defines a line L₁, (ii) a line L₂ is defined by a

line which intersects said longitudinal axis so as to define a 90° angle α therebetween, (iii) an angle σ is defined between said line L_1 and said line L_2 , and (iv) $40.0^\circ \leq \sigma \leq 95.0^\circ$.

Please amend claim 12 as follows:

12. (twice amended) The work machine of claim [10] 11, further comprising:

a work implement coupled to said main frame; and
said radiator assembly is interposed between said work implement and said cab assembly.

Please amend claim 14 as follows:

14. (twice amended) The work machine of claim [10] 11, wherein:

said radiator assembly includes (i) a radiator fan and (ii) a cooling core; and
said cooling core is interposed between said radiator fan and said cab assembly.

Please amend claim 16 as follows:

16. (amended) The work machine of claim [10] 11, further comprising:

a conduit having (i) a first end attached to said engine assembly, (ii) a second end attached to said radiator assembly, and (iii) said engine assembly is in fluid communication with said radiator assembly; and

a cooling fluid which is advanced from said radiator assembly to said engine assembly through said conduit.